



ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
Fayetteville, N.C. 28309
Phone: (910) 864-8787
Fax: (910) 864-4444

Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions greater than 3000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

Signature
Neil Baggett

LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(1) & (b))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ. D. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) 1/2" HEADER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) 1/2" HEADER
1700	1	2550	1	3400	1
3400	2	5100	2	6800	2
5100	3	7650	3	10200	3
6800	4	10200	4	13600	4
8500	5	12750	5	17000	5
10200	6	15300	6		
11900	7				
13600	8				
15300	9				

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes	Lot 86 Magnolia Hills	Rand 1.0 w/10' x15' CP	9/11/2024	N/A	J0524-2977
COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	Lot 86 Magnolia Hills	Floor	9/12/2024	Neil Baggett	Neil Baggett

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.
These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbciindustry.com

Dimension Notes

- All exterior wall to wall dimensions are to face of stud unless noted otherwise
- All interior wall dimensions are to face of stud unless noted otherwise
- All exterior wall to truss dimensions are to face of stud unless noted otherwise

Plumbing Drop Notes

- Plumbing drop locations shown are NOT exact.
- Contractor to verify ALL plumbing drop locations prior to setting Floor Trusses.
- Adjust spacing as needed not to exceed 24"oc.

Hatch Legend

- Vaulted Ceiling
- Padded HVAC
- 2nd Floor Walls @ 8' 1 1/2" UNO
- Drop Beam
- Flush Beam

= 2266.08 sq.ft. Roof Area
= 78.26 ft. Ridge Line
= 0 ft. Hip Line
= 130.55 ft. Horiz. OH
= 220.12 ft. Raked OH
= 78 sheets Decking

All Walls Shown Are Considered Load Bearing

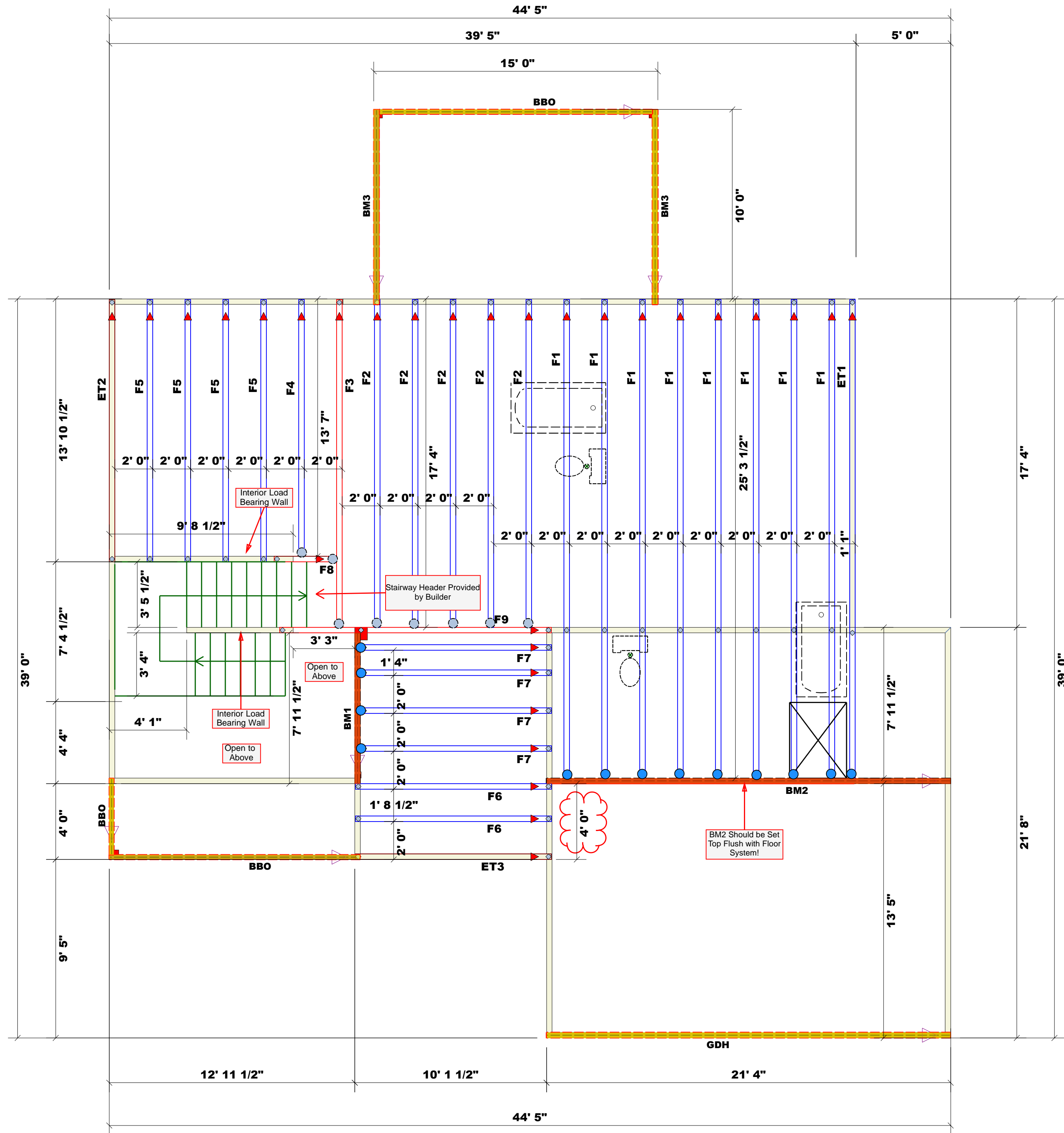
= Indicates Left End of Truss (Reference Engineered Truss Drawing)
Do Not Erect Trusses Backwards

Truss Placement Plan
Scale: 1/4"=1'

Nail Information		Connector Information				
Truss	Header	Supported Member	Qty	Manuf	Product	Sym
16d/3-1/2"	16d/3-1/2"	Varies	13	USP	HUS410	
10d/3"	10d/3"	Varies	8	USP	MSH422	
16d/3-1/2"	16d/3-1/2"	Varies	5	USP	HUS26	

Products

Fab Type	Net Qty	Plies	Product	Length	PlotID
FF	4	2	1-3/4"x 9-1/4" LVL Kerto-S	11' 0"	BM3
FF	2	2	1-3/4"x 11-7/8" LVL Kerto-S	22' 0"	GDH
FF	2	2	1-3/4"x 14" LVL Kerto-S	8' 0"	BM1
FF	2	2	1-3/4"x 23-7/8" LVL Kerto-S	22' 0"	BM2





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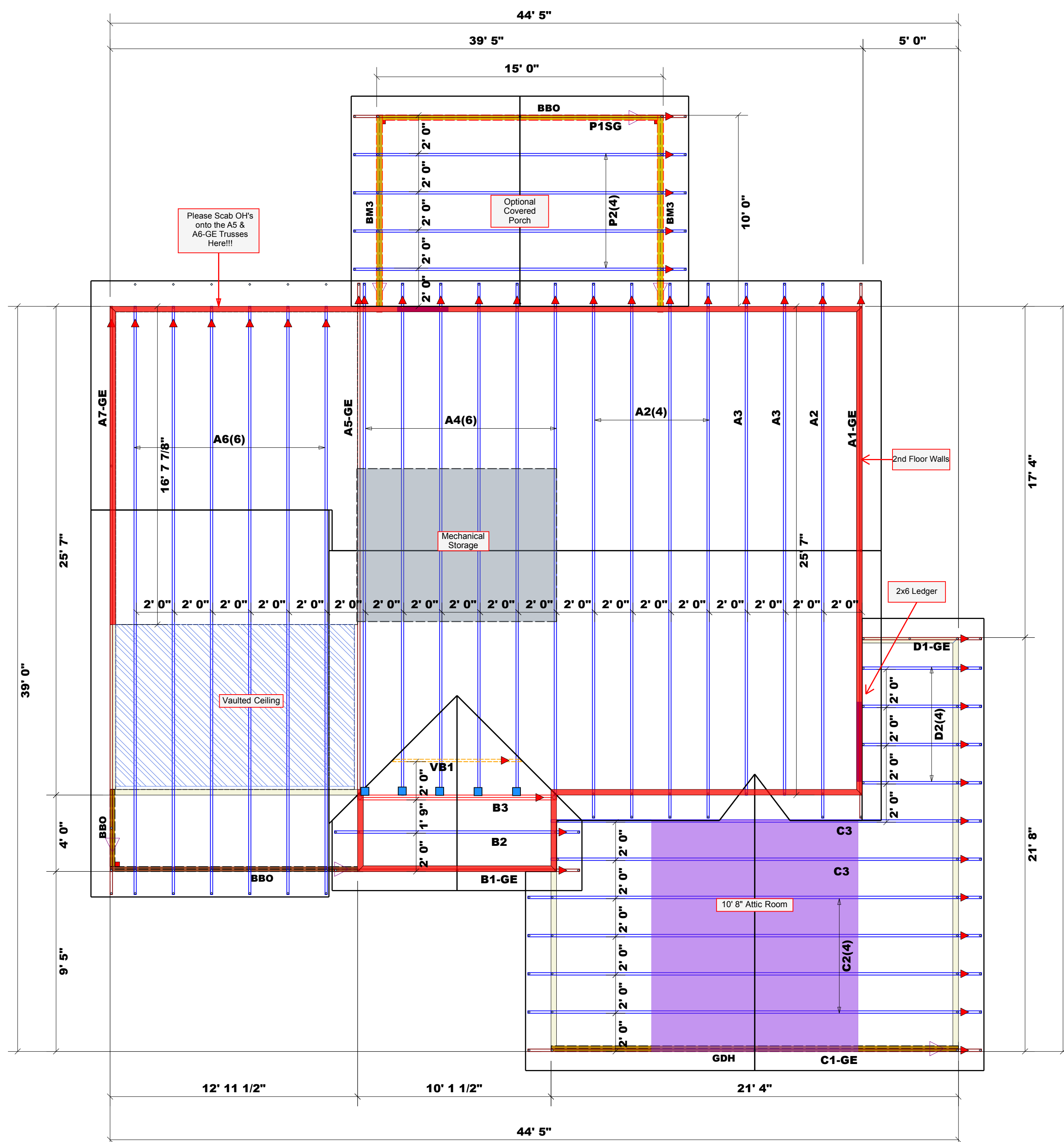
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BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Precision Custom Homes	Lot 86 Magnolia Hills	Rand 1.0 w/10' x15' CP	9/11/24	N/A	J0524-2976
COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	Lot 86 Magnolia Hills	Roof	9/12/2024	Neil Baggett	Neil Baggett

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3. Adjust spacing as needed not to exceed 24"oc.

Hatch Legend

Vaulted Ceiling	[Hatched Box]
Padded HVAC	[Grey Box]
2nd Floor Walls @ 8' 1 1/2" UNO	[Red Box]
Drop Beam	[Yellow Box]
Flush Beam	[Orange Box]

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